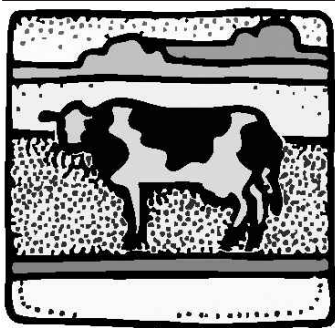


HOW TO FILE
SMALL DOMESTIC USE
LIVESTOCK STOCKPOND USE

REGISTRATIONS



SEPTEMBER 2004

DIVISION OF WATER RIGHTS
STATE WATER RESOURCES CONTROL BOARD
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

THIS BOOKLET CONTAINS DETAILED INSTRUCTIONS FOR COMPLETING FORMS
FOR A SMALL DOMESTIC USE OR LIVESTOCK STOCKPOND USE REGISTRATION.

Please refer to this booklet when preparing your forms.

For general information about water rights in California, including the appropriative water right process, please refer to State Water Resources Control Board publications, "A Guide to California Water Right Appropriations," and "Information Pertaining to Water Rights in California." These free publications are available from the Division of Water Rights' office located at 1001 I Street, 14th Floor, Sacramento, California. If you wish to obtain these publications by mail, please address your request to the Division of Water Rights, Post Office Box 2000, Sacramento, CA 95812-2000 or telephone (916) 341-5300.

If you are unable to find the answer to your question in this booklet or in the above publications, the staff of the Division of Water Rights is available at the above number to assist you.

*Additional copies of this booklet, forms, and water right information can be found at **www.waterrights.ca.gov**.*

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INSTRUCTIONS FOR FILING SMALL DOMESTIC USE AND LIVESTOCK STOCKPOND USE REGISTRATIONS

On January 1, 1989, provisions were added to the California Water Code for registering appropriations for small domestic use that do not exceed 4,500 gallons per day by direct diversion or 10 acre-feet per annum by storage. On January 1, 2001, provisions were added to the law for registering appropriations for stockponds that store no more than 10 acre-feet. Aesthetic, recreational, or fish and wildlife preservation and enhancement purposes incidental to the domestic use may be included in a storage registration. Following is a summary of general information, which may be of interest to those filing Small Domestic Use and/or Livestock Stockpond Use Registrations (Registrations):

- **Small domestic use is defined as:** "... domestic use, not to exceed direct diversion of 4500 gallons per day or diversion by storage of 10 acre-feet per annum, as that use is defined by board rule, and shall include impoundment for incidental aesthetic, recreational, or fish and wildlife purposes." [Water Code § 1228.1(b)]

"Domestic use means the use of water in homes, resorts, motels, organization camps, camp grounds, etc., including the incidental watering of domestic stock for family sustenance or enjoyment and the irrigation of not to exceed one-half acre in lawn, ornamental shrubbery, or gardens at any single establishments [sic]. The use of water at a camp ground or resort for human consumption, cooking or sanitary purposes is a domestic use." (California Code of Regulations, title 23, § 660)

- **Livestock stockpond is defined as:** "... a water impoundment structure constructed for livestock watering use not to exceed direct diversion of 4500 gallons per day, or diversion by storage of 10 acre-feet per year, as that use is defined by the board, and including impoundment for incidental aesthetic, recreational, or fish and wildlife purposes." [Water Code § 1228.1(c)]

"Stockwatering use means the use of water for commercial livestock." (California Code of Regulations, title 23, § 669)

- The registrant must complete the registration form and send a copy of it to the Water Rights Coordinator for the Department of Fish and Game (DFG) region in which the diversion will be located. The DFG will review your proposed project and provide you with either (1) terms and conditions under which water may be diverted or (2) clearance advising that DFG has had an opportunity to review the proposed project and has determined that additional conditions are not required. Addresses and telephone numbers for the DFG Water Rights Coordinators are listed on page 6 of the registration form.

- If the forms are not complete when received by the Division of Water Rights (Division), or the DFG terms or clearance is not attached, the Division will return all materials and fees.

- Registrations will not be accepted if (1) the use will be from a stream segment for which the Director of the California Department of Fish and Game has established minimum streamflow requirements; or (2) the planned diversion is from a stream declared by the State Water Resources Control Board (SWRCB) to be fully appropriated during the season of proposed use. A list of fully appropriated streams is available on the Division's website at: www.waterrights.ca.gov; "Water Rights Information," then "Fully Appropriated Streams List."



- With regard to an appropriation for small domestic use, not more than one registration shall be in effect on a particular place of use at any time. For livestock stockpond use, more than one registration may be in effect if the stockponds do not exceed the ratio of one stockpond per 50 acres.
- The SWRCB will issue a monthly list of registrations filed during the preceding month with regard to livestock stockpond use registrations only. Any interested person may file with the SWRCB, within the time allowed, a written protest against the approval of a stockpond registration based on interference with prior rights.
- The priority date of a registration is the date the registration is filed by the Division. This date determines the priority of the registration as it relates to all other appropriative rights.
- If the registration is complete, fees have been paid, and written approval has been received from both the Division and DFG, the registrant may construct the project and commence diversion of water.
- In order to maintain a registration, the registrant must renew the registration every five years by completing and submitting a renewal form and renewal fee.

BEFORE YOU BEGIN

We suggest you read “A Guide to California Water Right Appropriations” (included in your water right registration packet) before you prepare your Small Domestic Use/Livestock Stockpond Use (SDU/LSU) registration form. We also recommend you complete your project map first, as you will find a visual reference for your project useful while you complete the remainder of the form (see Item 12 - Map).

Remember, filing a complete and accurate registration form is the first step toward obtaining your registration. If you are unsure whether you need to file a registration or Application to Appropriate Water, please call the Division at (916) 341-5300. **Do not take any steps to construct your water project until your certificate of registration has been issued.**

A filing fee must accompany your registration form. If a registration is not accepted, the fee will be refunded. Your registration form must be typed or clearly printed in **black** ink. Please keep a copy of your registration form and map for your records.

You may hand-deliver your original registration form to:

State Water Resources Control Board
Division of Water Rights, Records Unit
1001 I Street, 2nd Floor
Sacramento, California

Or mail your original registration form to:

State Water Resources Control Board
Division of Water Rights
P. O. Box 2000
Sacramento, CA 95812-2000

REGISTRATION OF SMALL DOMESTIC USE AND LIVESTOCK STOCKPOND USE APPROPRIATIONS

If you have questions or need assistance, the Division can help you. You may reach Division staff by calling (916) 341-5300.

The information contained in these instructions is provided for guidance to persons filing small domestic use and livestock stockpond use registrations but is not a complete statement of the law. Statutory information is contained in the California Water Code. Rules and regulations of the State Water Resources Control Board are contained in the California Code of Regulations, Title 23 – Waters.

The following items may not be increased after a registration is accepted; therefore, you should especially consider whether or not the information you submit is adequate for your project needs:

- For Direct Diversion: Quantity, including rate and annual amount, and diversion season.
- For Storage: Amount and collection season.

After a registration is accepted by the Division, the quantity and season listed in the registration can only be increased by canceling the existing registration, thus forfeiting the priority date, and filing a new one for the complete revised project.

Please check the appropriate box.

<p style="text-align: center;">State of California State Water Resources Control Board DIVISION OF WATER RIGHTS 1001 I Street, Sacramento P.O. Box 2000, Sacramento, CA 95812-2000</p> <p style="text-align: center;">(916) 341-5300, FAX: (916) 341-5400, Web: http://www.waterrights.ca.gov</p> <p>(Check one box)</p> <p><input type="checkbox"/> REGISTRATION OF SMALL DOMESTIC USE APPROPRIATION</p> <p style="text-align: center;">(Not more than one domestic use registration shall be in effect for any facility.)</p> <p><input type="checkbox"/> REGISTRATION OF LIVESTOCK STOCKPOND USE APPROPRIATION</p> <p style="text-align: center;">(Multiple livestock stockpond use registrations may not exceed the ratio of one per 50 acres.)</p> <p>Registration No. _____ (Leave blank)</p>
--

Begin completing the form by checking the appropriate box. The Division will assign a number to your registration when it is accepted. If you are applying for both a small domestic use registration and a livestock stockpond registration, please use a separate form for each.

The numbered instructions below correspond to the numbered items on the registration form.

1 NAME AND ADDRESS

1. NAME AND ADDRESS

_____	() _____ - _____		
(Name of person requesting registration)	Telephone number where you may be reached between 8 a.m. and 5 p.m. - include area code		
_____	_____	_____	_____
(Mailing address)	(City or town)	(State)	(Zip code)
Project address (If different from mailing address) _____			

Provide the names, and addresses, including legal status (e.g., corporation, partnership, estate, etc.) of all parties who will hold the water right. An agent is not normally the registrant (see Item 10 - Authorized Agent).

2 PROJECT DESCRIPTION

2. PROJECT DESCRIPTION

Is your reservoir onstream ☐ offstream ☐? Is your project existing ☐ proposed ☐?

Provide a detailed description of your project, including but not limited to type of construction activity, area to be graded or excavated, and project operation. Engineered plans and photo(s) should be submitted, if available. Attach additional pages or documents as necessary.

Supply as much information as possible describing the proposed project, including design, anticipated construction activities, and planned project operation.

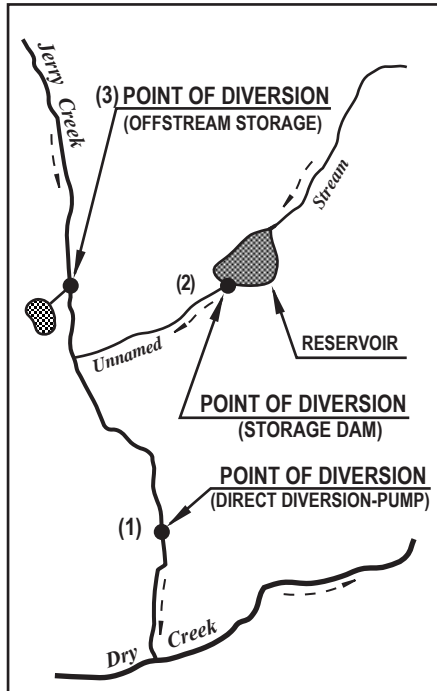
3 SOURCE

3. SOURCE

- a. The name of the creek or the source of the water at the point of diversion:
_____ tributary to _____
(If unnamed, state that it is an unnamed stream, spring, etc.)
- b. In a normal year does the stream dry up at any point downstream from your project? YES ☐ NO ☐
If yes, during what months is it usually dry? From _____ to _____
What alternate sources are available to your project if a portion of your requested direct diversion season is excluded because of a dry stream or nonavailability of water? _____

- a. Give the name of the stream or spring from which you propose to take water. Enter "unnamed spring" or "unnamed stream" if the source of water has no name. Also, name the stream to which the source is tributary (See Figure 1, page 7).

FIGURE 1



EXPLANATION

- (1) Jerry Creek tributary to Dry Creek.
- (2) Unnamed Stream tributary to Jerry Creek thence Dry Creek.
- (3) Jerry Creek tributary to Dry Creek.

If water will be pumped from below the surface of a stream, such as by an offset well (see Item 8b - Diversion Works), the source should be described as the "subterranean streamflow" of the specific stream.

Subterranean streamflow, for this purpose, is defined as water flowing through known and definite underground channels; that is, having identifiable beds and banks. Subterranean streamflow does not include groundwater, which is all subsurface percolating water not flowing in known and definite channels.

- b. It is useful for the Division to know if the water source downstream from your project dries up, and if so, when and for how long.

The Division may exclude a portion of your requested diversion season (see Item 5 - Purpose of Use, Amount, and Season) during periods when there is no water available for appropriation. For example, if you are applying to directly divert water and a certain period must be excluded from your season because unappropriated water does not exist, you will be required to identify an alternate source of supply (purchased water, well water, etc.) for the excluded season. For storage projects, the season of collection to storage may be shortened because unappropriated water does not exist, but generally, an alternate source is not required.

4 POINTS OF DIVERSION AND REDIVERSION

4. POINTS OF DIVERSION AND REDIVERSION

a.

List all points giving coordinate distances from section corner or other tie as allowed by Board regulations, i.e. California Coordinate System	Point is within (40-acre subdivision)	Public Land Survey			
		Section	Township	Range	Base and Meridian
	___ 1/4 of ___ 1/4				
	___ 1/4 of ___ 1/4				
	___ 1/4 of ___ 1/4				

b. Assessor's Parcel Number _____, County _____

c. Do you own the land at the point of diversion? YES ☐ NO ☐

d. If no, list the name and address of the owner and what steps have been taken to obtain right of access:

- a. The point of diversion is the place along the stream channel (source) where you intend to take control of the water, either by direct diversion or by means of storage in a reservoir. The point of diversion for an onstream reservoir is the point where the stream thread meets the centerline of the dam (see Figure 1.)

You will find accurate completion of this section easier if your project map has already been prepared (see Item 12 - Map).

You may show your point of original diversion in one of the following ways:



- Identify the point's relative position from a corner of a surveyed section of the Public Land Survey as shown on a U.S. Geological Survey topographic (quadrangle) map, provided the corner is within two miles of your point of diversion.
- Identify the point by giving the north and east coordinates and zone of the California Coordinate System (CCS). The zone number is identified in the lower left-hand corner of the U.S. Geological Survey topographic map under "Polyconic Projection" or "Projection."

In each case, give either (1) coordinate distances and direction or (2) bearing and distance from the point of reference, such as a section corner, to your point of diversion. (For example, 200 feet North and 580 feet East of SW corner of Section 10; or South 25° 45' 644 feet from the NE corner of Section 26; or by CCS, Zone 1, N 846,300 feet and E 1,003,950)

- b. The assessor parcel number can be found on the deed for the property or from the assessor's office in the county in which the property is located.
- c/d. If you do not own the land at the point of diversion, clearly state the name and mailing address of the owner. If the land is owned by the federal government, submit a copy of any Special Use Permit you may have obtained.

5 PURPOSE OF USE, AMOUNT, AND SEASON

5. PURPOSE OF USE, AMOUNT, AND SEASON

In the table below, state the purpose of use, amount of water required, and the dates between which diversions will be made. Purpose must only be "Domestic" for registration of small domestic use or "Stockwatering" for livestock stockpond use, not to exceed 4,500 gallons per day by direct diversion or 10 acre-feet per annum by storage.

PURPOSE OF USE	DIRECT DIVERSION				STORAGE		
	AMOUNT		DIVERSION SEASON		AMOUNT	COLLECTION SEASON	
	Rate (gallons/day)	Acre-feet/year	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)	Acre-feet/year	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)
Total Amount			+			= acre-feet/year	

Total combined amount taken by direct diversion and storage during any one year shall not exceed 10 acre-feet.

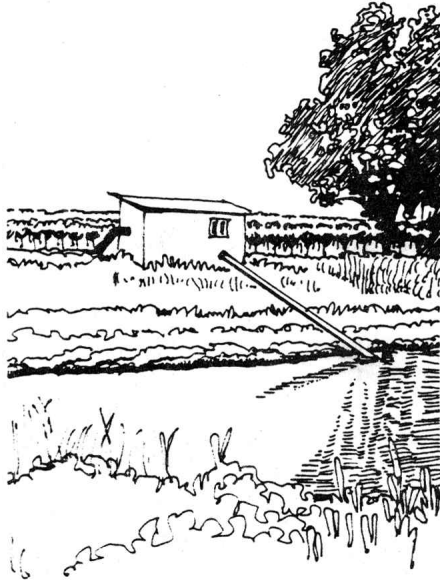
Unless indicated otherwise, the following periods should be used to compute average maximum use:

Type of Use	Period of Maximum Use Consecutive Days
Domestic	7
Stockwatering	30

In the following example for domestic use, the consecutive 7-day period of maximum daily use was selected from pump records. The average rate during the consecutive 7-day period was calculated by totaling the rates during the 7-day period and dividing by 7 days, resulting in 614 gallons per day (gpd) average rate during the maximum consecutive 7-day period of use.

DAY	GPD
1	800
2	550
3	500
4	400
5	450
6	700
7	900
Total	4,300

$$\frac{4,300 \text{ Total GPD}}{7 \text{ Days Total}} = 614 \text{ GPD}$$



PURPOSE OF USE describes how water will be used. For registrations, only domestic or stockwatering uses may be listed.

DIRECT DIVERSION is (1) diversion of water for immediate use or (2) diversion into a sump, holding reservoir, or tank from which it will be used at a more convenient rate. The holding period may not exceed 30 days. For registrations, the total amount of direct diversion may not exceed 4,500 gallons per day.

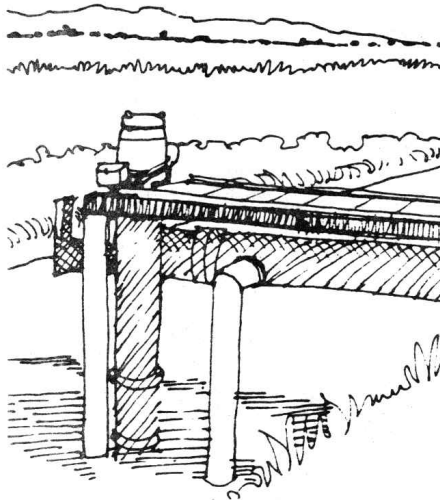
Amount of direct diversion should be shown both as a rate of diversion and as a total annual amount. Rate is considered to be an average continuous diversion per unit of time (e.g., gallons per day) during the period of maximum use.

Normal rates of use for domestic and stockwatering purposes can be estimated by using the suggested water duties in Appendices I and II, respectively. The suggested water duties give maximum rates that the Division considers acceptable in the absence of unusual circumstances.

If you apply for a greater rate, you must justify your request. Do not apply for a rate that exceeds the capacity of your proposed pumping, diversion, or conveyance works.

Annual amounts for direct diversion can be estimated by converting daily diversion rates to acre-feet (see Table of Equivalents in Appendix III) and then multiplying by the number of days of use. Refer to the headings for domestic and stockwatering uses under Item 6 - Justification of Amount, for more specific information.

Equivalent factors given in Appendix III will be useful in converting between various water-flow rates (such as gallons per day or acre-feet per day) or between various volume amounts (such as gallons or acre-feet).



Diversion Season means the period of time during which you plan to divert water from the source for immediate use and/or short-term collection to storage for regulation (less than 30 days). Indicate the season of diversion with a beginning and ending month and day in the appropriate columns.

STORAGE means you plan to collect water in your reservoir when there is surplus flow in the stream source and keep it for use during a time of deficient streamflow (generally, more than 30 days). Indicate the amount of storage in acre-feet. The total storage amount may not exceed 10 acre-feet for registrations. The amount should not exceed the capacity of your reservoir unless you plan to fill the reservoir more than once during a single storage season. If your request exceeds the capacity of your reservoir by more than 20 percent, the Division may require the submittal of a supporting operational plan.

Collection Season is the period when water actually is collected for storage in the reservoir. It is generally the period of surplus streamflow in the source, such as the winter and spring months. Indicate the collection season with a beginning and ending month and day in the appropriate columns.

TOTAL COMBINED AMOUNT means the total annual amount of water (in acre-feet) that you will appropriate by direct diversion or storage or both. Where both direct diversion and storage amounts are included in the same registration, the total combined amount may be, but is not necessarily, the sum of the individual amounts, depending on how you propose to operate your project. The total combined amount may not exceed 10 acre-feet per year for a registration.

Your registration should not request more water than will be required for the proposed uses under your project.

Amount of storage generally is based on the capacity of your reservoir. Absent a site survey and design capacity calculations, the capacity of small reservoirs may be estimated by using the following general formula:

$$\begin{aligned} \text{Capacity (in acre-feet)} &= (0.7)^* \\ &\times (\text{Maximum depth of water in feet}) \\ &\times (\text{Surface area in acres when full}) \end{aligned}$$

** Statistical factor found generally to be applicable to small water supply-type reservoirs.*

6 JUSTIFICATION OF AMOUNT

The subsections below explain what information is necessary to justify the quantities of water requested. They also include a definition of domestic and stockwatering purposes and explain the method for computing direct diversion rates and a reasonable annual amount of diversion for these uses. Equivalent factors given in Appendix III will be useful in converting between various water-flow rates (such as cubic feet per second, gallons per day, or acre-feet per day) or between various volume amounts (such as gallons or acre-feet).

a. DOMESTIC:

Number of residences to be served is _____. Separately owned? YES ☐ NO ☐

Total number of people to be served is _____. Estimated daily use per person _____ Gallons/day.

Total area of domestic lawns and gardens is _____ square feet.

Incidental domestic uses are _____.
(Recreational, dust control area, number and kind of domestic animals, etc.)

a. DOMESTIC means the use of water in homes, resorts, motels, organization camps, and campgrounds, including incidental watering of domestic stock for family use and the irrigation of up to one-half acre of lawn, ornamental shrubbery, or garden at any single establishment.

The annual amount of water (in acre-feet) for inside domestic use, plus domestic stock use, can be calculated as:

$$\begin{aligned} &\text{Acre-feet per day} \times 365 \text{ days} \\ &= \text{Acre-feet per year} \end{aligned}$$

In most parts of California, the annual amount of water (in acre-feet) for outside domestic use can be calculated as:

$$\begin{aligned} &\text{Acre-feet per day} \times 150 \\ &= \text{Acre-feet per year} \\ &(\text{assuming normal demands}) \end{aligned}$$

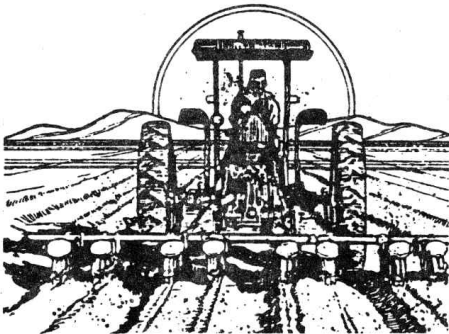
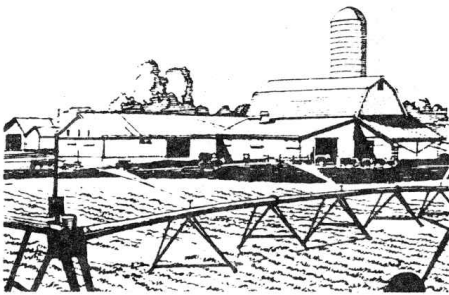
The information you provide under this item should justify the quantity of water you request for domestic use. Give the maximum number of residences and people to be served. If separate ownership is involved, please explain. Estimate your daily use per person. The suggested water duties for domestic use given in Appendix I may be used as a guide for the estimated daily use. Under "Incidental Domestic Uses," list any incidental uses and the approximate areas to which water will be applied for dust control, as well as the kind and number of any domestic animals to be served.

The direct diversion rate in cubic feet per second or gallons per day to be used for domestic purposes in Item 5 is an average rate needed for the maximum consecutive 7-day period. The total annual amount by direct diversion is the sum of the amounts estimated for inside use, outside use, and any domestic stock use.

b. STOCKWATERING:

Kind of stock _____ Maximum number _____

Total livestock grazing area is _____ acres. Describe type of operation: _____
(Feed lot, dairy, range, etc.)



b. STOCKWATERING means the use of water for commercial livestock, including hosing out dairy barns. Water for domestic stock (not for commercial sale) is a domestic use and should be included under Item 6a.

The amount of storage requested for stockwatering purposes normally should be the capacity of the reservoir.

You may use the suggested water duties in Appendix II to estimate the direct diversion rate, generally in gallons per day, to be used in Item 5 for stockwatering purposes. The duty multiplied by the maximum number of stock as given in Item 6b will give the direct diversion rate. The annual amount (in acre-feet) can be calculated as:

$$\begin{aligned} &\text{Acre-feet per day} \times 365^* \\ &= \text{Acre-feet per year} \end{aligned}$$

**Or the number of days for less than a year-round season*

7 PLACE OF USE

7. PLACE OF USE

- a. Do you own the land where the water will be used? YES ☐ NO ☐

Is land in joint ownership? YES ☐ NO ☐

If you do not own land where the water will be used, list name and address of the owner and what arrangements have been made with the owner.

b.

Use is within (40-acre subdivision)	Public Land Survey			
	SECTION	TOWNSHIP	RANGE	BASE & MERIDIAN
1/4 of 1/4				
1/4 of 1/4				
1/4 of 1/4				

(If area is unsurveyed, state the location as if lines of the public land survey were projected, or contact the Division of Water Rights. If space does not permit listing all 40-acre tracts, include on another sheet or state sections, townships and ranges, and show detail on map.)

- a. If you do not own the place of use, please provide the name and address of the owner, as well as a description of the arrangements that have been made for use of the property.
- b. Show the location where water will be used in each 40-acre portion (1/16 section) of the Public Land Survey. The place of use for stockwatering purposes is at the reservoir itself. The place of use for domestic purposes is the location of the house and domestic gardens. You may find it useful to consult a U.S. Geological Survey topographic map and a County Assessor's plat. If there are no section lines on the topographic map, create a projected section by extending lines from nearby sections. Describe your property as though the area is completely surveyed and the lines are shown on the topographic map.

Example: Data for a stockwatering project's three ponds, each in separate 40-acre portions (1/16 sections) follows (see Example Maps on pages 19 and 20).

Use is within	Section	Township	Range	Base and Meridian
Stockpond 1: NE1/4 of SW1/4	27	17N	9E	MD
Stockond 2: NW1/4 of SE1/4	27	17N	9E	MD
Stockond 3: SE 1/4 of SW 1/4	27	17N	9E	MD

8 DIVERSION WORKS

8. DIVERSION WORKS

- a. Diversion will be by gravity by means of _____
(Dam, pipe in unobstructed channel, pipe through dam, siphon, weir, gate, etc.)
- b. Diversion will be by pumping from _____ Pump discharge rate _____ Horsepower _____
(Sump, offset well, channel reservoir, etc.) (cfs or gpd)
- c. Conduit from diversion point to first lateral or to offstream storage reservoir:

CONDUIT (Pipe or channel)	MATERIAL (Type of pipe or channel lining) (Indicate if pipe is buried or not)	CROSS SECTIONAL DIMENSION (Pipe diameter or ditch depth and top and bottom width)	LENGTH (Feet)	TOTAL LIFT OR FALL		CAPACITY (Estimate)
				Feet	+ or -	

- a. If diversion will be by gravity flow, describe the type of diversion facility. Examples include a pipe in an unobstructed channel, small diversion dam (diverting water into a ditch, channel, or pipe), pipe through a storage dam, siphon, or gate.
- b. If diversion will be by pumping, describe the type of structure from which water will be drawn. Examples include a sump, offset well, reservoir, or unobstructed channel. Note that, if an offset well is used, the source of water being pumped may be a subterranean stream, rather than the surface flow. If a subterranean stream is the source, Item 3a should so indicate.
- c. Provide information describing the pipe, channel, or other conduit conveying diverted water from your point(s) of diversion. If diversion is to offstream storage (either to a reservoir on another stream or to a pit and/or berm-type reservoir not on a natural stream), provide information on the conduit carrying diverted water from the point of diversion to the reservoir site.

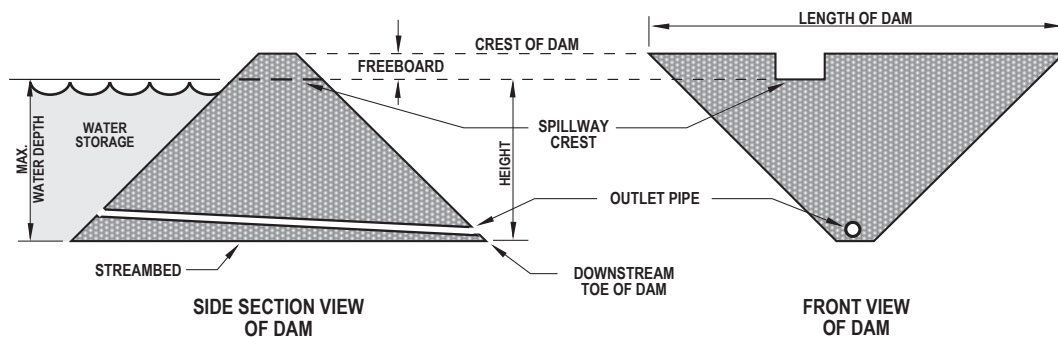
- d. Storage reservoirs:

Name or number of reservoir, if any	Vertical height from downstream toe of slope to spillway level (ft.)	Construction material	Dam length (ft.)	Freeboard Dam height above spillway crest (ft.)	Approximate surface area when full (acres)	Approximate capacity (acre-feet)	Maximum water depth (ft.)

- d. Provide information describing each reservoir that will be used for the storage amount(s) included in Item 5.

The location of each reservoir should be shown on the project map. If there is more than one reservoir, each one should be given a name or number and so identified in Item 4a and on the map.

Give the dimensions of the dam for each reservoir, using the illustration below. The capacity or volume is calculated with the water level at the spillway crest, and is stated in acre-feet. Surface area is the area inundated by the reservoir with the water level at the spillway crest. The approximate reservoir capacity should be consistent with amounts shown for storage in Item 5 unless refill of the reservoir is included in the quantity in Item 5.



If your reservoir site has not been surveyed and design capacity calculations have not been made, the reservoir capacity for a small reservoir may be estimated by using the following general formula:

$$\text{Capacity (in acre-feet)} = (0.7) * \\ \text{X (Maximum depth of water in feet)} \\ \text{X (Surface area in acres when full)}$$

** Statistical factor found generally to be applicable to small water supply-type reservoirs.*

e. Outlet pipe:

Diameter of outlet pipe (inches)	Length of outlet pipe (feet)	FALL (Vertical distance in feet between entrance and exit of outlet pipe)	HEAD (Vertical distance in feet from spillway to outlet pipe in reservoir)	Estimated storage below outlet pipe entrance (dead storage)

f. If water will be stored and the reservoir is not at the point of diversion, the maximum rate of diversion to offstream storage will be _____ cfs.

Diversion to offstream storage will be made by: ☐ Pumping ☐ Gravity

- e. For reservoirs having an outlet pipe, complete Item 8e, giving information for the outlet pipe through the dam. An outlet pipe is defined to be a facility, usually placed through the base of a dam at the streambed, by which downstream releases can be made from the reservoir. A pipe or culvert placed through the dam at a higher elevation to control the amount of water stored in the reservoir acts as a spillway, not an outlet pipe. If the reservoir plan does not have an outlet pipe, indicate "None" on the form.
- f. If water will be collected to storage in a reservoir located on another stream or in a pit and/or berm-type reservoir not located on a natural stream, the maximum rate that water will be conveyed to the reservoir should be indicated. This rate should be consistent with the capacity of the conveyance facility indicated in Item 8c for that particular point of diversion.

9 COMPLETION SCHEDULE

9. COMPLETION SCHEDULE

- a. Year work will start _____ b. Year work will be completed _____
- c. Year water will be used to the full extent intended _____ d. If completed, year of first use _____

- a. Give the date you plan to begin construction of your proposed project. If construction has begun, indicate when it started.
- b. Give the date when you expect project construction to be completed. If construction of the project is complete, state the date that construction was completed.
- c. State the estimated date when complete beneficial use of water will be made.
- d. If the project already exists and water is currently utilized, give the first year of full use.

10 AUTHORIZED AGENT

10. AUTHORIZED AGENT (OPTIONAL):

(Name of Agent)

(Company Name) (_____) -
(Telephone number of agent between 8 am and 5 pm)

(Mailing address) (City or town) (State) (Zip code)
is authorized to act on my behalf as my agent.

If you have authorized someone to act on your behalf in connection with this filing, provide the person's name, address, and telephone number.

11 CERTIFICATION AND SIGNATURE OF REGISTRANT(S)

I (we) further declare under penalty of perjury that the above information and attached map are true and correct to the best of my (our) knowledge and belief.

Dated _____, at _____, California

Ms. Mr.
Miss Mrs. _____
(Signature of registrant)

Ms. Mr.
Miss Mrs. _____
(Signature of registrant)

Ms. Mr.
Miss Mrs. _____
(Signature of registrant)

Ms. Mr.
Miss Mrs. _____
(Signature of registrant)

The registration form contains a certification paragraph. By signing and submitting this form to the Division, you certify that the appropriate Department of Fish and Game Water Rights Coordinator has been contacted and furnished a copy of the registration form. You also agree to comply with all lawful conditions including those required by the Department of Fish and Game. The Division will not accept your registration form for processing unless it is accompanied by Department of Fish and Game's written terms and conditions or clearance for your project.

The perjury clause and the signature of the registrant must be complete before a registration form can be accepted. If there is more than one owner of your project, indicate the relationship; i.e., legal partner, spouse, etc. If signing for an organization, indicate your title or position. The form containing the original signature(s) must be filed with the Division.

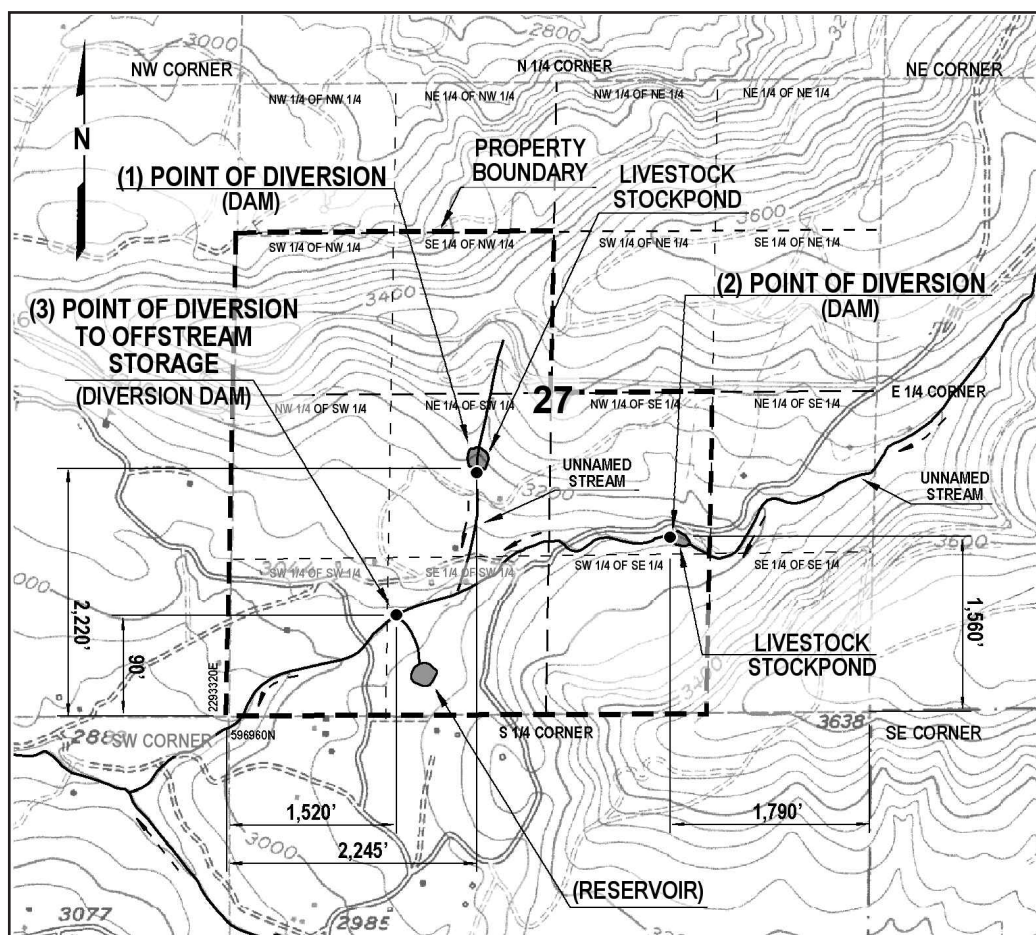
12 MAP

A project map must be filed before the registration form can be considered complete. A copy of a U.S. Geological Survey quadrangle/topographic map of your project area is preferred. However, any map or sketch which provides a clear understanding of the point(s) of diversion, boundary of the place(s) of use, and features of the project will be acceptable if it is prepared in accordance with Division requirements.

If the required map is not submitted with the forms, state the reason and indicate when it will be submitted.

Shown below are three example maps illustrating (1) a livestock stockpond project; (2) a small domestic use direct diversion project and (3) a small domestic use storage project. See Item 4 for a discussion of how to identify points of diversion.

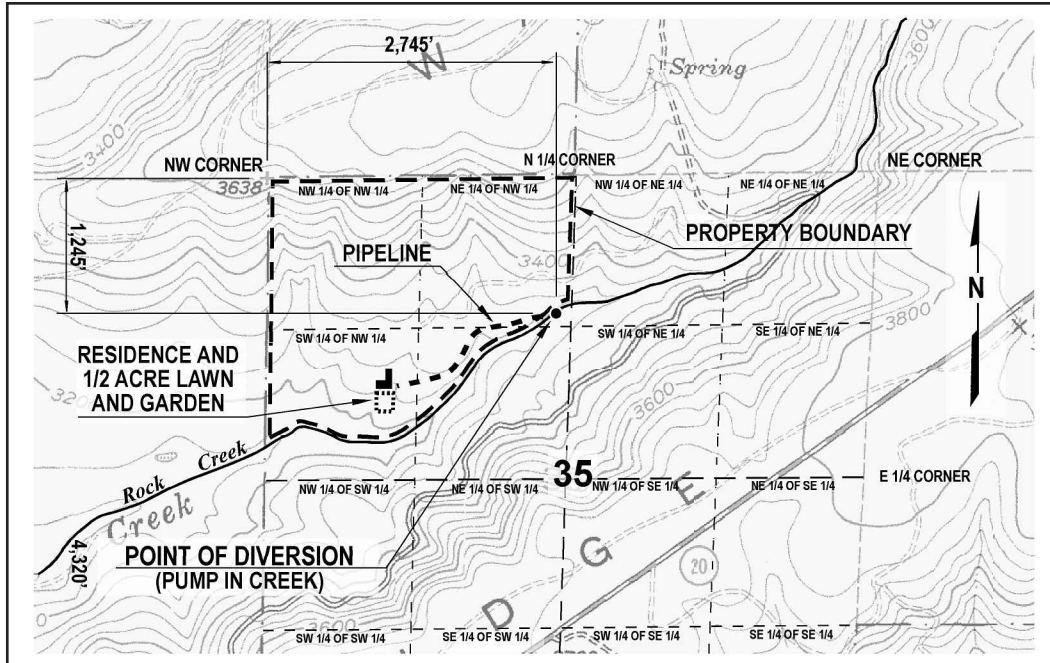
EXAMPLE MAP
TYPICAL 640 ACRE SECTION



LIVESTOCK STOCKPOND USE

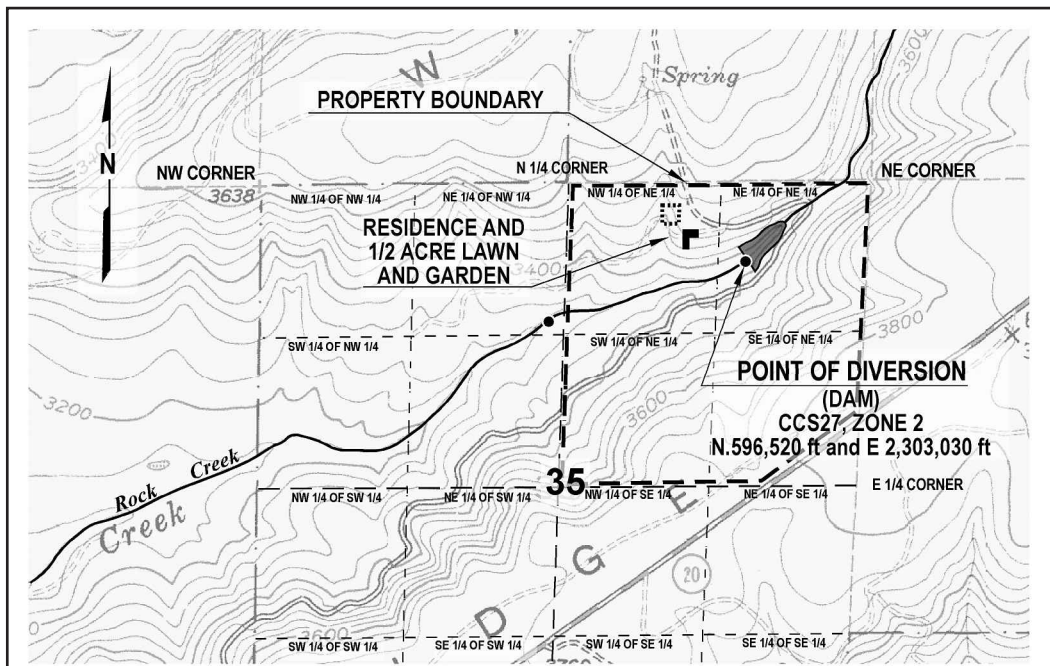
The above map shows three livestock stockponds. These diversions would be listed in Item 4a as:

- (1) N 2,220 ft and E 2,245 ft from the SW corner of Section 27, located in the NE 1/4 of SW 1/4 of Section 27, T17N, R9E MDB&M.
- (2) N 1,560 ft and W 1,770 ft from the SE corner of Section 27, located in the NW 1/4 of SE 1/4 of Section 27, T17N, R9E MDB&M.
- (3) N 90 ft and E 1,520 ft from the SW corner of Section 27, located in the SE 1/4 of SW 1/4 of Section 27, T17N, R9E MDB&M.



SMALL DOMESTIC USE- DIRECT DIVERSION

The above map shows a direct diversion of water from Rock Creek through a pipeline to a domestic residence and 1/2-acre lawn and garden. This diversion would be listed in Item 4a as: S 1,245 ft and E 2,745 ft from the NW corner of Section 35, located in the NE 1/4 of NW 1/4 of Section 35, T17N, R9E MDB&M.



SMALL DOMESTIC USE - STORAGE POND

The above map shows a storage pond formed by a dam on Rock Creek and the associated domestic residence and 1/2-acre lawn and garden. If you know the California Coordinate System North and East coordinates for the point(s) of diversion, you may use them instead of tying the point(s) of diversion to a known corner of the Public Land Survey. This diversion would then be listed in Item 4a as: N 596,520 ft and E 2,303,030 ft, CCS27, Zone 2, located in the NE 1/4 of NE 1/4 of Section 35, T17N, R9E MDB&M.

APPENDIX

SUGGESTED WATER DUTY FOR DOMESTIC USE

Domestic use includes year-round water for people and domestic animals and water for up to one-half acre of lawn and garden area per establishment.

The annual amount of water for domestic lawn and garden areas usually is limited to 150 multiplied by the daily duty. The annual amount for personal use generally is the daily duty multiplied by the number of days in the requested diversion season, usually 365.

PERSONAL USE:

GPD*
Per Person

Homes, Motels, Resorts, and Camping Areas equipped with:

Full plumbing	55-75
Sink and flush toilet only	40
Sink and shower only.....	35
Sink only	25
Outside supply only	15
Cafeteria, dining facility, etc.....	2.5

Campgrounds equipped with:

GPD*
Per Person

Faucets only	5
Washbowls, showers, flush toilets, and laundry trays	30

DOMESTIC LIVESTOCK:

GPD*
Per Head

Milch cows.....	30
Horses	15
Goats and hogs.....	2.5
Rabbits, poultry, and other small animals.....	0.25

OUTSIDE OF DWELLING:

GPD*
Per 100 sq.ft.

Lawn, Garden, Orchard, and Grounds	
Irrigation of lawn, shrubbery, gardens	18.5
Sprinkling to allay dust.....	7.5-10

* Gallons per day

II

APPENDIX

SUGGESTED WATER DUTY FOR STOCKWATERING BY DIRECT DIVERSION

Stockwatering use includes year-round water for commercial livestock.

The annual amount generally is the daily duty multiplied by the number of days in the diversion season, usually 365.

TYPE OF STOCK	GPD* Per Head
Range cattle and horses.....	15
Hogs and goats.....	2.5
Sheep	1.5
Milch cows.....	30
Hosing out dairy barn.....	35
*Gallons per day	

III

APPENDIX

TABLE OF EQUIVALENTS

ONE CUBIC FOOT PER SECOND (cfs) is a rate of flow passing any point equal to a volume of one cubic foot of water every second (sometimes referred to as second-foot) and is equivalent to:

=	7.48 U.S. gallons per second (gps)
=	448.8 U.S. gallons per minute (gpm)
=	646,317 U.S. gallons per day (gpd)
=	1.9835 acre-feet per day
=	40 standard (statute) miners' inches
=	28.32 liters per second

ONE ACRE-FOOT (af) is the amount (volume) of water which will cover one acre to a depth of one foot, and is equivalent to:

=	43,560 cubic feet
=	325,851 U.S. gallons
=	1,233.45 cubic meters

1,000,000 U.S. GALLONS PER DAY is equivalent to:

=	1.55 cubic feet per second
=	43.81 liters per second
=	3.07 acre-feet per day
=	3,786 cubic meters per day

IV APPENDIX

WATER RIGHT FEE SCHEDULE SUMMARY